

Name: _____

Unit 4: Solving Quadratic Equations



Date: _____ Bell: _____

Homework 7: The Quadratic Formula

**** This is a 2-page document! ****

Directions: Solve each equation by the quadratic formula.

1. $x^2 + 12x - 8 = 0$

2. $-2x^2 + 7x = 3$

3. $-x^2 + 5x - 6 = 2$

4. $13x^2 - 16x = x^2 - x$

5. $8x^2 + 15x = 7x - 4$

6. $-x^2 + 18 = 93$

7. $3x^2 + 5x = 8$

8. $5x^2 + 1 = 4x - 7$

9. $7x^2 - 10x + 9 = 5 - 2x$

10. $-12x^2 + 21 = 0$

11. $-2x^2 + 24 = 8x$

12. $3x^2 + x = -2x - 7$